



**SCREENING OF ANTIFUNGAL ACTIVITY OF LEAF AND FRUIT  
PEEL CRUDE EXTRACTS OF *Lansium domesticum* spp.  
(LANZONES) AGAINST *Candida albicans* AND  
*Aspergillus niger***

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### ABSTRACT

The antifungal potential of *Lansium domesticum* leaf and fruit peel crude extract was tested against *Candida albicans* and *Aspergillus niger*. The extractions of *Lansium domesticum* leaf and fruit peel were performed using ethanolic extraction. Different concentrations were prepared by diluting the extract with sterile distilled water to provide 100%, 75%, 50%, 40%, 25% and 10% concentrations. The antifungal potential of these concentrations were tested against *Candida albicans* and *Aspergillus niger* using the Disk Diffusion Method (Kirby-Bauer). Results showed that *Lansium domesticum* leaf and fruit peel crude extract did not have any antifungal effect on both *Candida albicans* and *Aspergillus niger* due to the absence of “clearing” around the disk impregnated with different concentrations. The test isolates used are resistant to the phytochemical components of *Lansium domesticum* leaf and fruit peel crude extract.



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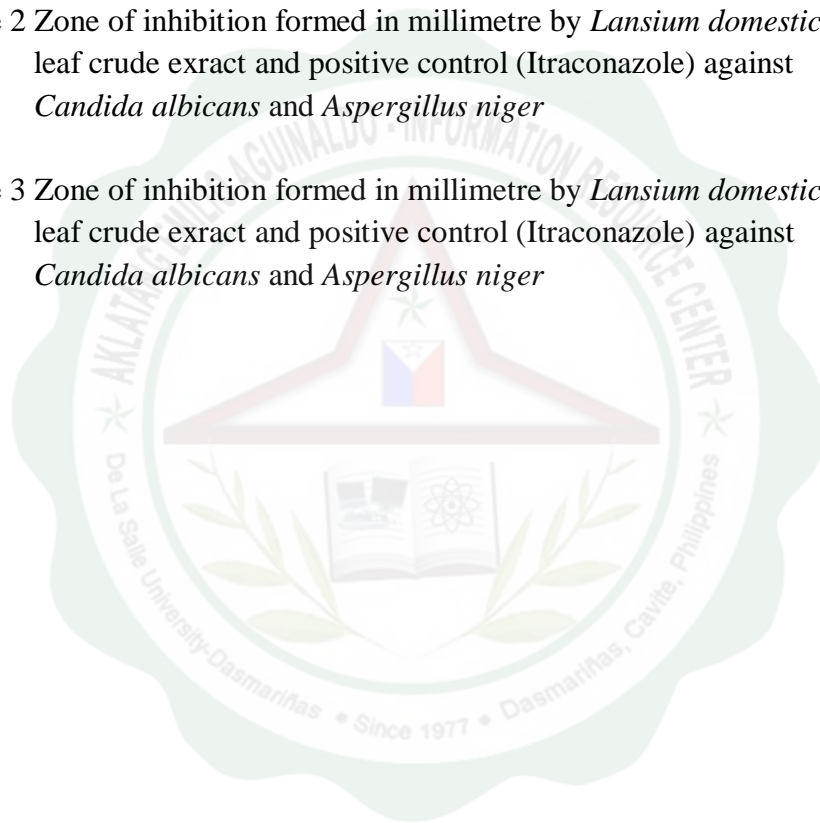
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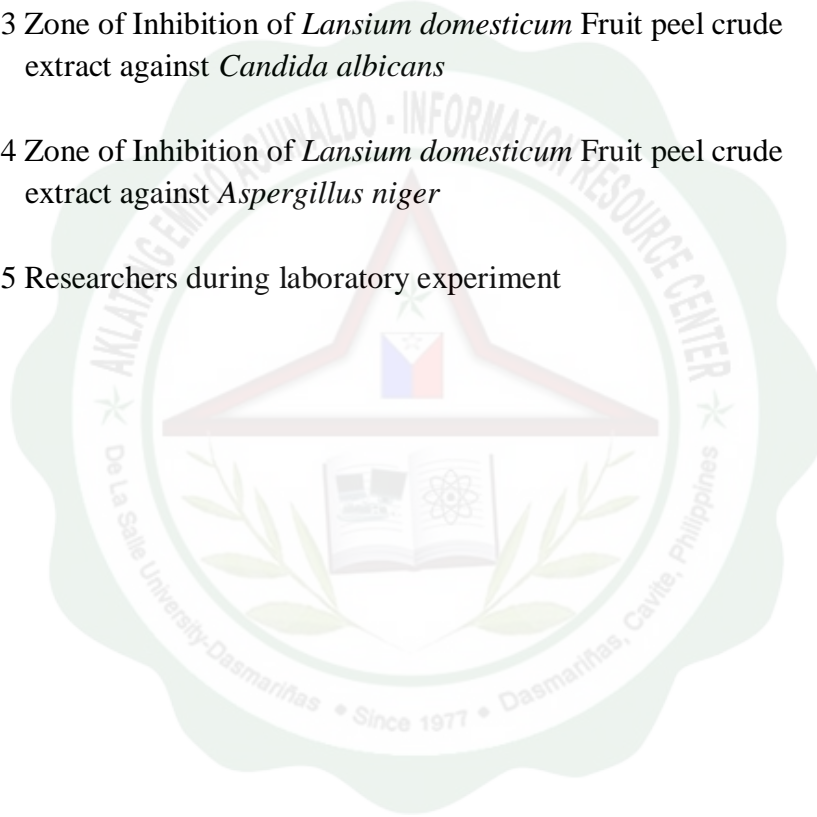
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